

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

# MATERIAL SAFETY DATA SHEET

## EPOXY PATCHING COMPOUND / #2457

JULY 2008

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HEALTH	2
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

### SECTION 1 – Chemical and Company Identification

**IDENTITY INFORMATION** Epoxy Resin – Part A

### SECTION 2 – Composition on Ingredients

NAME	CAS #	HAZARD CODE
Resin Compound	25068-38-6	Non-Hazardous

### SECTION 3 – Hazards Information

**PRIMARY ROUTE(S) OF ENTRY:** Inhalation, Skin, Ingestion  
**SIGNS AND SYMPTOMS OF EXPOSURE:** Skin rash and sensitization of fair skinned people  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** N/A  
**CARCINOGENICITY:** No **NTP:** N/A  
**IARC MONOGRAPHS:** N/A **OSHA REGULATED:** No

### SECTION 4 – First Aid Measures

**EMERGENCY & FIRST AID PROCEDURES** Wash for 15 minutes in case of eye contact. Call a physician immediately. Wash clothing with soap & water. Discard shoes. Clean skin with waterless hand cleaner, then wash with soap and water.

### SECTION 5 – Fire Fighting Measures

**FLASH POINT:** PMCC 480°F **FLAMMABLE LIMITS:** LEL: N/A UEL: N/A  
**EXTINGUISHING MEDIA:** Water fog, Carbon Dioxide or Dry chemicals  
**SPECIAL FIRE FIGHTING PROCEDURES:** Water or foam may cause violent frothing and possibly endanger the life of firefighters, especially when sprayed into hot or burning containers.  
**UNUSUAL FIRE/EXPLOSIVE HAZARDS:** N/A

### SECTION 6 – Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Stop leak. Pump to salvage area or tank. Absorb remaining on paper, sand, clay, earth, vermiculite, floor absorbent or other absorbent materials. Shovel into containers.

### SECTION 7 – Handling and Storage

**PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING:** Wear protective boots, goggles, long sleeve shirts and long pants to protect skin and eyes.  
**OTHER PRECAUTIONS:** Provide ventilation from exhaust fans.

### SECTION 8 – Exposure Controls/Personal Protection

**VENTILATION:** YES – Exhaust fans.  
**PROTECTIVE GLOVES:** Yes. **EYE PROTECTION:** Goggles.  
**RESPIRATORY PROTECTION:** Self-contained respirators are recommended.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Long sleeve shirts, long pants and boots.  
**WORK & HYGIENIC PRACTICES:** Isolated contact with skin can be cleaned off the skin by the use of waterless hand cleaners followed by washing with soapy water. Rinse and dry with paper towels. DO NOT use solvent.

### SECTION 9 – Physical and Chemical Properties

**APPEARANCE/ODOR:** White paste, almost odorless  
**EVAPORATION RATE :** N/A  
**SOLUBILITY IN WATER:** Insoluble **SPECIFIC GRAVITY (H20=1):** 1.85  
**MELTING POINT** N/A **VAPOR PRESSURE (mm Hg@77°F):** 0.03  
**VAPOR DENSITY (AIR=1):** >1.0 **BOILING POINT:** >500°F

### SECTION 10 – Stability and Reactivity

**STABILITY:** Stable  
**INCOMPATIBILITY:** Water and lower hydrocarbons.  
**CONDITIONS TO AVOID:** Strong oxidizing agents, strong mineral acids, strong alkalis and amines.  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**HAZARDOUS DECOMPOSITION/BY-PRODUCTS:** CO<sub>2</sub> and various hydrocarbons, etc.  
**CONDITIONS TO AVOID:** Hardeners for epoxy resin unless done by experienced personnel.

### SECTION 11 – Toxicological Information

No Data Available

### SECTION 12 – Ecological Information

No Data Available

### SECTION 13 – Disposal Consideration

**WASTE DISPOSAL:** Use Federal, State, and Local approved methods.

### SECTION 14 – Transport Information

D.O.T. Non-hazardous

### SECTION 15 – Regulatory Information

No Data Available

### SECTION 16 – Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

**Disclaimer:** The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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**SECTION 1 – Chemical and Company Identification****IDENTITY INFORMATION** Epoxy Resin - Part B**SECTION 2 – Composition on Ingredients**

NAME	CAS #
Tetra Ethylene Pentamine	112-57-2
Tall Oil Fatty Acid	68953-36-6

**SECTION 3 – Hazards Information**

**PRIMARY ROUTE(S) OF ENTRY:** Inhalation, Skin, Ingestion  
**SIGNS AND SYMPTOMS OF EXPOSURE:** Rash on the skin  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** N/A  
**CARCINOGENICITY:** No **NTP:** N/A  
**IARC MONOGRAPHS** N/A **OSHA REGULATED:** N/A

**SECTION 4 – First Aid Measures**

**EMERGENCY & FIRST AID PROCEDURES:** DO NOT induce vomiting. Give water or milk to drink to dilute throat irritation in case vomiting should happen.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT:** 259°F **FLAMMABLE LIMITS:** LEL: N/A UEL: N/A  
**EXTINGUISHING MEDIA:** Foams, Dry Chemical, CO<sub>2</sub>  
**SPECIAL FIRE FIGHTING PROCEDURES:** Toxic vapors present, use self contained breathing apparatus.  
**UNUSUAL FIRE/EXPLOSIVE HAZARDS:** Keep containers of burning liquid cool with water sprayed on the outside of containers, NOT inside.

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Stop leak. Pump to salvage area or tank. Absorb remaining on paper, sand, clay, earth, vermiculite, floor absorbent or other absorbent materials. Shovel into containers.

**SECTION 7 – Handling and Storage**

**PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING:** Wear protective boots, goggles, gloves, long sleeve shirts and long pants to protect skin and eyes.  
**OTHER PRECAUTIONS:** Provide ventilation from exhaust fans.

**SECTION 8 – Exposure Controls/Personal Protection**

**VENTILATION:** Provide through use of exhaust fans.  
**PROTECTIVE GLOVES:** Yes **EYE PROTECTION:** Goggles  
**RESPIRATORY PROTECTION:** Self-contained respirators are recommended.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Long sleeve shirts, long pants and boots.  
**WORK & HYGIENIC PRACTICES:** Isolated contact with skin can be cleaned off the skin by the use of waterless hand cleaners. Followed by washing with soapy water. Rinse and dry with paper towels. DO NOT use solvent.

**SECTION 9 – Physical and Chemical Properties**

**APPEARANCE/ODOR:** Black paste, slight ammonia odor  
**EVAPORATION RATE:** N/A  
**SOLUBILITY IN WATER:** Slight **SPECIFIC GRAVITY (H20=1):** 1.78  
**MELTING POINT:** N/A **VAPOR PRESSURE (mm Hg@77°F):** <1  
**VAPOR DENSITY (AIR=1):** N/A **BOILING POINT:** 432°F

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable  
**INCOMPATIBILITY:** Strong oxidizing agents, mineral acids  
**CONDITIONS TO AVOID:** High heat, >150°F  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**HAZARDOUS DECOMPOSITION/BY-PRODUCTS:** NO<sub>x</sub>, CO<sub>2</sub>, CO  
**CONDITIONS TO AVOID:** Mixing with epoxy resins other than by experienced personnel

**SECTION 11 – Toxicological Information**

No Data Available

**SECTION 12 – Ecological Information**

No Data Available

**SECTION 13 – Disposal Consideration****WASTE DISPOSAL:** Use Federal, State, and Local approved methods.**SECTION 14 – Transport Information**

D.O.T. Non-hazardous

**SECTION 15 – Regulatory Information**

No Data Available

**SECTION 16 – Other Information**

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